

**Analysis Considering Tax Depreciation Benefits as in Central Illinois Light
Company Docket 94-0040**

Tax Depreciation Rates Year	Liberty Should have been Cash flow Millions \$		Actual Millions \$	After-tax PV Rates		Index
				1992		
1	0.0375	1993	38.7	1993	1.084	100
2	0.07219	1994	39.9	1994	1.084	108.4
3	0.06677	1995	41.7	1995	1.0804	117.5056
4	0.06177	1996	42.6	1996	1.0804	126.9531
5	0.05713	1997	43	1997	1.0804	137.1601
6	0.05285	1998	44.2	1998	1.0804	148.1877
7	0.04888	1999		1999	1.0804	160.102
8	0.04522	2000		1999	1.0804	172.9742
9	0.04462			2000	1.0706	185.1862
10	0.04461			2001	1.0706	198.2604
11	0.04462	Incremental Income Tax Rate	0.396	2002	1.0742	212.9713
12	0.04461			2003	1.0742	228.7738
13	0.04462			2004	1.0742	245.7488
14	0.04461			2005	1.0742	263.9833
15	0.04462	TOTAL PV in \$2000 for Liberty Should Have Been	-274.1466	2006	1.0742	283.5709
16	0.04461			2007	1.0742	304.6119
17	0.04462	TOTAL PV in \$2000 for Actual Expenditures	-237.2884	2008	1.0742	327.2141
18	0.04461			2009	1.0742	351.4933
19	0.04462	Benefit to Later Expenditures	36.85818	2010	1.0742	377.5741
20	0.04461			2011	1.0742	405.5902
21	0.02231			2012	1.0742	435.6849
				2013	1.0742	468.0128
				2014	1.0742	502.7393
				2015	1.0742	540.0426
				2016	1.0742	580.1137
				2017	1.0742	623.1582
				2018	1.0742	669.3965
				2019	1.0742	719.0657
				2020	1.0742	772.4204
				2021	1.0742	829.734

Liberty Should Have Been Present Value of Cash Flow After Tax Considerations

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
1993	-38.7	1.45125	0.574695	-38.12531	-65.131747		
1994		2.793753	1.106326	1.106326	1.7435456		
1995		2.583999	1.023264	1.023264	1.4926331		
1996		2.390499	0.946638	0.946638	1.27809966		
1997		2.210931	0.875529	0.875529	1.09412456		
1998		2.045295	0.809937	0.809937	0.93683468		
1999		1.891656	0.749096	0.749096	0.80198194		
2000		1.750014	0.693006	0.693006	0.69300554		
2001		1.726794	0.68381	0.68381	0.638717		
2002		1.726407	0.683657	0.683657	0.59446459		
2003		1.726794	0.68381	0.68381	0.5535262		
2004		1.726407	0.683657	0.683657	0.51517608		
2005		1.726794	0.68381	0.68381	0.47969798		
2006		1.726407	0.683657	0.683657	0.44646292	total PV	-51.62718
2007		1.726794	0.68381	0.68381	0.41571681		
2008		1.726407	0.683657	0.683657	0.38691458		
2009		1.726794	0.68381	0.68381	0.36026933		
2010		1.726407	0.683657	0.683657	0.33530869		
2011		1.726794	0.68381	0.68381	0.31221732		
2012		1.726407	0.683657	0.683657	0.29058588		
2013		0.863397	0.341905	0.341905	0.1352872		

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
1994	-39.9	1.49625	0.592515	-39.30749	-61.947727		
1995		2.880381	1.140631	1.140631	1.66383657		
1996		2.664123	1.054993	1.054993	1.42439494		
1997		2.464623	0.975991	0.975991	1.21966925		
1998		2.279487	0.902677	0.902677	1.04410487		
1999		2.108715	0.835051	0.835051	0.89400575		
2000		1.950312	0.772324	0.772324	0.77232355		
2001		1.804278	0.714494	0.714494	0.66737725		
2002		1.780338	0.705014	0.705014	0.61303499		
2003		1.779939	0.704856	0.704856	0.5705619		
2004		1.780338	0.705014	0.705014	0.5312696		
2005		1.779939	0.704856	0.704856	0.49446149		
2006		1.780338	0.705014	0.705014	0.46040992		
2007		1.779939	0.704856	0.704856	0.4285112	total PV	-49.01746
2008		1.780338	0.705014	0.705014	0.39900136		
2009		1.779939	0.704856	0.704856	0.37135723		
2010		1.779939	0.704856	0.704856	0.34570585		
2011		1.779939	0.704856	0.704856	0.32182634		
2012		1.780338	0.705014	0.705014	0.29966345		
2013		1.779939	0.704856	0.704856	0.27890178		
2014		0.890169	0.352507	0.352507	0.12984747		

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
1995	-41.7	1.56375	0.619245	-41.08076	-59.924436		
1996		3.010323	1.192088	1.192088	1.60949358		
1997		2.784309	1.102586	1.102586	1.37787242		
1998		2.575809	1.02002	1.02002	1.17983332		
1999		2.382321	0.943399	0.943399	1.01000309		
2000		2.203845	0.872723	0.872723	0.87272262		
2001		2.038296	0.807165	0.807165	0.75393725		
2002		1.885674	0.746727	0.746727	0.64930599		
2003		1.860654	0.736819	0.736819	0.59643521		
2004		1.860237	0.736654	0.736654	0.55511221		
2005		1.860654	0.736819	0.736819	0.51688387		
2006		1.860237	0.736654	0.736654	0.48107245		
2007		1.860654	0.736819	0.736819	0.44794292		
2008		1.860237	0.736654	0.736654	0.41690796	total PV	-47.36873
2009		1.860654	0.736819	0.736819	0.38819719		
2010		1.860237	0.736654	0.736654	0.36130161		
2011		1.860237	0.736654	0.736654	0.33634482		
2012		1.860237	0.736654	0.736654	0.31311192		
2013		1.860654	0.736819	0.736819	0.29154916		
2014		1.860237	0.736654	0.736654	0.27134967		
2015		0.930327	0.368409	0.368409	0.12633146		

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
1996	-42.6	1.5975	0.63261	-41.96739	-56.662134		
1997		3.075294	1.217816	1.217816	1.52187232		
1998		2.844402	1.126383	1.126383	1.30286068		
1999		2.631402	1.042035	1.042035	1.11560288		
2000		2.433738	0.96376	0.96376	0.96376025		
2001		2.25141	0.891558	0.891558	0.83276514		
2002		2.082288	0.824586	0.824586	0.71700733		
2003		1.926372	0.762843	0.762843	0.6175012		
2004		1.900812	0.752722	0.752722	0.56722017		
2005		1.900386	0.752553	0.752553	0.52792129		
2006		1.900812	0.752722	0.752722	0.49156547		
2007		1.900386	0.752553	0.752553	0.4575082		
2008		1.900812	0.752722	0.752722	0.42600145		
2009		1.900386	0.752553	0.752553	0.39648666	total PV	-44.73816
2010		1.900812	0.752722	0.752722	0.36918222		
2011		1.900386	0.752553	0.752553	0.34360406		
2012		1.900386	0.752553	0.752553	0.31986973		
2013		1.900386	0.752553	0.752553	0.29777484		
2014		1.900812	0.752722	0.752722	0.27726828		
2015		1.900386	0.752553	0.752553	0.25805822		
2016		0.950406	0.376361	0.376361	0.12014339		

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
1997	-43	1.6125	0.63855	-42.36145	-52.937961		
1998		3.10417	1.229251	1.229251	1.42184579		
1999		2.87111	1.13696	1.13696	1.2172289		
2000		2.65611	1.05182	1.05182	1.05181956		
2001		2.45659	0.97281	0.97281	0.90865836		
2002		2.27255	0.89993	0.89993	0.78252144		
2003		2.10184	0.832329	0.832329	0.67374771		
2004		1.94446	0.770006	0.770006	0.58024515		
2005		1.91866	0.759789	0.759789	0.53299775		
2006		1.91823	0.759619	0.759619	0.49606991		
2007		1.91866	0.759789	0.759789	0.46190757		
2008		1.91823	0.759619	0.759619	0.42990509		
2009		1.91866	0.759789	0.759789	0.40029926		
2010		1.91823	0.759619	0.759619	0.37256521	total PV	-41.74206
2011		1.91866	0.759789	0.759789	0.34690814		
2012		1.91823	0.759619	0.759619	0.3228732		
2013		1.91823	0.759619	0.759619	0.30057084		
2014		1.91823	0.759619	0.759619	0.27980901		
2015		1.91866	0.759789	0.759789	0.26053969		
2016		1.91823	0.759619	0.759619	0.24248864		
2017		0.95933	0.379895	0.379895	0.11289471		

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
1998	-44.2	1.6575	0.65637	-43.54363	-50.365882		
1999		3.190798	1.263556	1.263556	1.35276306		
2000		2.951234	1.168689	1.168689	1.16868866		
2001		2.730234	1.081173	1.081173	1.00987546		
2002		2.525146	0.999958	0.999958	0.86949941		
2003		2.33597	0.925044	0.925044	0.74879841		
2004		2.160496	0.855556	0.855556	0.64471232		
2005		1.998724	0.791495	0.791495	0.55523928		
2006		1.972204	0.780993	0.780993	0.51002803		
2007		1.971762	0.780818	0.780818	0.47469161		
2008		1.972204	0.780993	0.780993	0.4420015		
2009		1.971762	0.780818	0.780818	0.41137818		
2010		1.972204	0.780993	0.780993	0.38304822		
2011		1.971762	0.780818	0.780818	0.35650938	total PV	-39.65298
2012		1.972204	0.780993	0.780993	0.33195801		
2013		1.971762	0.780818	0.780818	0.30895887		
2014		1.971762	0.780818	0.780818	0.28761764		
2015		1.971762	0.780818	0.780818	0.26775055		
2016		1.972204	0.780993	0.780993	0.24931164		
2017		1.971762	0.780818	0.780818	0.23203851		
2018		0.986102	0.390496	0.390496	0.10802948		

Now, PV Using Actual Expenditures for 1999 and 2000

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
1999	-49.3	1.84875	0.732105	-48.5679	-51.996788		
2000		3.558967	1.409351	1.409351	1.40935093		
2001		3.291761	1.303537	1.303537	1.21757646		
2002		3.045261	1.205923	1.205923	1.04859388		
2003		2.816509	1.115338	1.115338	0.90283585		
2004		2.605505	1.03178	1.03178	0.77750719		
2005		2.409784	0.954274	0.954274	0.66943046		
2006		2.229346	0.882821	0.882821	0.57652704		
2007		2.199766	0.871107	0.871107	0.5295824		
2008		2.199273	0.870912	0.870912	0.49289119		
2009		2.199766	0.871107	0.871107	0.45894775		
2010		2.199273	0.870912	0.870912	0.42715034		
2011		2.199766	0.871107	0.871107	0.39773421		
2012		2.199273	0.870912	0.870912	0.37017788	total PV	-40.86436
2013		2.199766	0.871107	0.871107	0.34468522		
2014		2.199273	0.870912	0.870912	0.32080429		
2015		2.199273	0.870912	0.870912	0.29864484		
2016		2.199273	0.870912	0.870912	0.27801605		
2017		2.199766	0.871107	0.871107	0.2588702		
2018		2.199273	0.870912	0.870912	0.24093482		
2019		1.099883	0.435554	0.435554	0.1121713		

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
2000	-253.5	9.50625	3.764475	-249.7355	-249.73553		
2001		18.30017	7.246865	7.246865	6.76897566		
2002		16.9262	6.702773	6.702773	5.82830323		
2003		15.6587	6.200843	6.200843	5.01941629		
2004		14.48246	5.735052	5.735052	4.32170074		
2005		13.39748	5.3054	5.3054	3.72177668		
2006		12.39108	4.906868	4.906868	3.20443427		
2007		11.46327	4.539455	4.539455	2.75972355		
2008		11.31117	4.479223	4.479223	2.53500862		
2009		11.30864	4.478219	4.478219	2.35937487		
2010		11.31117	4.479223	4.479223	2.19689421		
2011		11.30864	4.478219	4.478219	2.04468614		
2012		11.31117	4.479223	4.479223	1.90387683		
2013		11.30864	4.478219	4.478219	1.77196997	total PV	-196.424
2014		11.31117	4.479223	4.479223	1.64994152		
2015		11.30864	4.478219	4.478219	1.53562814		
2016		11.30864	4.478219	4.478219	1.42955515		
2017		11.30864	4.478219	4.478219	1.33080911		
2018		11.31117	4.479223	4.479223	1.23916164		
2019		11.30864	4.478219	4.478219	1.15330844		
2020		5.655585	2.239612	2.239612	0.53694236		

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Tax Depreciation Rates Year	Liberty Should have been Cash flow Millions \$		Actual Millions \$	Pretax PV Rates	Index
	1993	1994			
1	0.0375	38.7		1992	100
2	0.07219	39.9		1993	1.1116 111.16
3	0.06677	41.7		1994	1.1116 123.5655
4	0.06177	42.6		1995	1.0987 135.7614
5	0.05713	43		1996	1.0987 149.161
6	0.05285	44.2		1997	1.0987 163.8832
7	0.04888		49.3	1998	1.0987 180.0585
8	0.04522		253.5	1999	1.0987 197.8302
9	0.04462			2000	1.0884 215.3184
10	0.04461			2001	1.0884 234.3526
11	0.04462	Incremental Income Tax Rate	0.396	2002	1.0899 255.4209
12	0.04461			2003	1.0899 278.3832
13	0.04462			2004	1.0899 303.4099
14	0.04461			2005	1.0899 330.6864
15	0.04462	TOTAL PV in \$2000 for Liberty Should Have Been	-305.3463	2006	1.0899 360.4151
16	0.04461			2007	1.0899 392.8165
17	0.04462	TOTAL PV in \$2000 for Actual Expenditures	-244.3788	2008	1.0899 428.1307
18	0.04461			2009	1.0899 466.6196
19	0.04462	Benefit to Later Expenditures	60.96753	2010	1.0899 508.5687
20	0.04461			2011	1.0899 554.289
21	0.02231			2012	1.0899 604.1196
				2013	1.0899 658.43
				2014	1.0899 717.6228
				2015	1.0899 782.1371
				2016	1.0899 852.4513
				2017	1.0899 929.0866
				2018	1.0899 1012.612
				2019	1.0899 1103.645
				2020	1.0899 1202.863
				2021	1.0899 1311

Liberty Should Have Been Present Value of Cash Flow After Tax Considerations

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
1993	-38.7	1.45125	0.574695	-38.12531	-73.849238		
1994		2.793753	1.106326	1.106326	1.92782385		
1995		2.583999	1.023264	1.023264	1.62290298		
1996		2.390499	0.946638	0.946638	1.36650007		
1997		2.210931	0.875529	0.875529	1.15031599		
1998		2.045295	0.809937	0.809937	0.96854276		
1999		1.891656	0.749096	0.749096	0.81531584		
2000		1.750014	0.693006	0.693006	0.69300554		
2001		1.726794	0.68381	0.68381	0.62827125		
2002		1.726407	0.683657	0.683657	0.57631933		
2003		1.726794	0.68381	0.68381	0.52890038		
2004		1.726407	0.683657	0.683657	0.48516547		
2005		1.726794	0.68381	0.68381	0.44524656		
2006		1.726407	0.683657	0.683657	0.40842901	total PV	-60.28775
2007		1.726794	0.68381	0.68381	0.37482389		
2008		1.726407	0.683657	0.683657	0.34382961		
2009		1.726794	0.68381	0.68381	0.31553967		
2010		1.726407	0.683657	0.683657	0.28944761		
2011		1.726794	0.68381	0.68381	0.26563216		
2012		1.726407	0.683657	0.683657	0.24366697		
2013		0.863397	0.341905	0.341905	0.11180915		

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
1994	-39.9	1.49625	0.592515	-39.30749	-68.495086		
1995		2.880381	1.140631	1.140631	1.80904827		
1996		2.664123	1.054993	1.054993	1.52291395		
1997		2.464623	0.975991	0.975991	1.28230833		
1998		2.279487	0.902677	0.902677	1.07944362		
1999		2.108715	0.835051	0.835051	0.90886966		
2000		1.950312	0.772324	0.772324	0.77232355		
2001		1.804278	0.714494	0.714494	0.65646278		
2002		1.780338	0.705014	0.705014	0.5943229		
2003		1.779939	0.704856	0.704856	0.54517818		
2004		1.780338	0.705014	0.705014	0.50032149		
2005		1.779939	0.704856	0.704856	0.45894978		
2006		1.780338	0.705014	0.705014	0.42118787		
2007		1.779939	0.704856	0.704856	0.38635973	total PV	-55.7178
2008		1.780338	0.705014	0.705014	0.35457046		
2009		1.779939	0.704856	0.704856	0.32525093		
2010		1.779939	0.704856	0.704856	0.29842273		
2011		1.779939	0.704856	0.704856	0.27380744		
2012		1.780338	0.705014	0.705014	0.25127885		
2013		1.779939	0.704856	0.704856	0.23050054		
2014		0.890169	0.352507	0.352507	0.1057676		

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
1995	-41.7	1.56375	0.619245	-41.08076	-65.154355		
1996		3.010323	1.192088	1.192088	1.72081503		
1997		2.784309	1.102586	1.102586	1.44863642		
1998		2.575809	1.02002	1.02002	1.21976593		
1999		2.382321	0.943399	0.943399	1.0267956		
2000		2.203845	0.872723	0.872723	0.87272262		
2001		2.038296	0.807165	0.807165	0.74160714		
2002		1.885674	0.746727	0.746727	0.62948678		
2003		1.860654	0.736819	0.736819	0.56990041		
2004		1.860237	0.736654	0.736654	0.5227752		
2005		1.860654	0.736819	0.736819	0.4797618		
2006		1.860237	0.736654	0.736654	0.44009017		
2007		1.860654	0.736819	0.736819	0.40388001		
2008		1.860237	0.736654	0.736654	0.37048307	total PV	-52.94363
2009		1.860654	0.736819	0.736819	0.34000011		
2010		1.860237	0.736654	0.736654	0.31188541		
2011		1.860237	0.736654	0.736654	0.28615966		
2012		1.860237	0.736654	0.736654	0.26255588		
2013		1.860654	0.736819	0.736819	0.24095306		
2014		1.860237	0.736654	0.736654	0.22102859		
2015		0.930327	0.368409	0.368409	0.10142129		

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
1996	-42.6	1.5975	0.63261	-41.96739	-60.581199		
1997		3.075294	1.217816	1.217816	1.60003178		
1998		2.844402	1.126383	1.126383	1.34695727		
1999		2.631402	1.042035	1.042035	1.1341511		
2000		2.433738	0.96376	0.96376	0.96376025		
2001		2.25141	0.891558	0.891558	0.81914587		
2002		2.082288	0.824586	0.824586	0.69512162		
2003		1.926372	0.762843	0.762843	0.5900292		
2004		1.900812	0.752722	0.752722	0.53417783		
2005		1.900386	0.752553	0.752553	0.49000653		
2006		1.900812	0.752722	0.752722	0.4496893		
2007		1.900386	0.752553	0.752553	0.41250438		
2008		1.900812	0.752722	0.752722	0.37856395	total PV	-49.16637
2009		1.900386	0.752553	0.752553	0.34726039		
2010		1.900812	0.752722	0.752722	0.31868817		
2011		1.900386	0.752553	0.752553	0.29233576		
2012		1.900386	0.752553	0.752553	0.26822256		
2013		1.900386	0.752553	0.752553	0.24609832		
2014		1.900812	0.752722	0.752722	0.2258496		
2015		1.900386	0.752553	0.752553	0.20717404		
2016		0.950406	0.376361	0.376361	0.09506399		

	outlay	tax depr	tax benefit	net cf	PV in \$2000	
1997	-43	1.6125	0.63855	-42.36145	-55.656719	
1998		3.10417	1.229251	1.229251	1.46996956	
1999		2.87111	1.13696	1.13696	1.23746679	
2000		2.65611	1.05182	1.05182	1.05181956	
2001		2.45659	0.97281	0.97281	0.89379791	
2002		2.27255	0.89993	0.89993	0.758636	
2003		2.10184	0.832329	0.832329	0.64377336	
2004		1.94446	0.770006	0.770006	0.54644406	
2005		1.91866	0.759789	0.759789	0.4947184	
2006		1.91823	0.759619	0.759619	0.45381001	
2007		1.91866	0.759789	0.759789	0.41647099	
2008		1.91823	0.759619	0.759619	0.3820329	
2009		1.91866	0.759789	0.759789	0.35059963	
2010		1.91823	0.759619	0.759619	0.32160846	total PV -45.10428
2011		1.91866	0.759789	0.759789	0.29514685	
2012		1.91823	0.759619	0.759619	0.27074108	
2013		1.91823	0.759619	0.759619	0.2484091	
2014		1.91823	0.759619	0.759619	0.22791917	
2015		1.91866	0.759789	0.759789	0.20916622	
2016		1.91823	0.759619	0.759619	0.19187021	
2017		0.95933	0.379895	0.379895	0.08804166	

	outlay	tax depr	tax benefit	net cf	PV in \$2000	
1998	-44.2	1.6575	0.65637	-43.54363	-52.070565	
1999		3.190798	1.263556	1.263556	1.37525436	
2000		2.951234	1.168689	1.168689	1.16868866	
2001		2.730234	1.081173	1.081173	0.99335967	
2002		2.525146	0.999958	0.999958	0.84295908	
2003		2.33597	0.925044	0.925044	0.71548512	
2004		2.160496	0.855556	0.855556	0.60715582	
2005		1.998724	0.791495	0.791495	0.51536257	
2006		1.972204	0.780993	0.780993	0.46657904	
2007		1.971762	0.780818	0.780818	0.4279975	
2008		1.972204	0.780993	0.780993	0.39278231	
2009		1.971762	0.780818	0.780818	0.36030304	
2010		1.972204	0.780993	0.780993	0.33065768	
2011		1.971762	0.780818	0.780818	0.30331551	total PV -42.12647
2012		1.972204	0.780993	0.780993	0.27835903	
2013		1.971762	0.780818	0.780818	0.25534145	
2014		1.971762	0.780818	0.780818	0.2342797	
2015		1.971762	0.780818	0.780818	0.21495523	
2016		1.972204	0.780993	0.780993	0.19726893	
2017		1.971762	0.780818	0.780818	0.18095672	
2018		0.986102	0.390496	0.390496	0.08303389	

Now, PV Using Actual Expenditures for 1999 and 2000

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
1999	-49.3	1.84875	0.732105	-48.5679	-52.861297		
2000		3.558967	1.409351	1.409351	1.40935093		
2001		3.291761	1.303537	1.303537	1.19766387		
2002		3.045261	1.205923	1.205923	1.01658693		
2003		2.816509	1.115338	1.115338	0.86266959		
2004		2.605505	1.03178	1.03178	0.73221497		
2005		2.409784	0.954274	0.954274	0.62135266		
2006		2.229346	0.882821	0.882821	0.52741304		
2007		2.199766	0.871107	0.871107	0.47748884		
2008		2.199273	0.870912	0.870912	0.43800516		
2009		2.199766	0.871107	0.871107	0.40196655		
2010		2.199273	0.870912	0.870912	0.36872783		
2011		2.199766	0.871107	0.871107	0.33838929		
2012		2.199273	0.870912	0.870912	0.31040779	total PV	-42.6811
2013		2.199766	0.871107	0.871107	0.28486776		
2014		2.199273	0.870912	0.870912	0.26131197		
2015		2.199273	0.870912	0.870912	0.23975775		
2016		2.199273	0.870912	0.870912	0.21998142		
2017		2.199766	0.871107	0.871107	0.20188158		
2018		2.199273	0.870912	0.870912	0.18518794		
2019		1.099883	0.435554	0.435554	0.08497543		

	outlay	tax depr	tax benefit	net cf	PV in \$2000		
2000	-253.5	9.50625	3.764475	-249.7355	-249.73553		
2001		18.30017	7.246865	7.246865	6.65827393		
2002		16.9262	6.702773	6.702773	5.65040191		
2003		15.6587	6.200843	6.200843	4.79610754		
2004		14.48246	5.735052	5.735052	4.06994821		
2005		13.39748	5.3054	5.3054	3.45448251		
2006		12.39108	4.906868	4.906868	2.9314504		
2007		11.46327	4.539455	4.539455	2.48825714		
2008		11.31117	4.479223	4.479223	2.25272207		
2009		11.30864	4.478219	4.478219	2.0664439		
2010		11.31117	4.479223	4.479223	1.89641905		
2011		11.30864	4.478219	4.478219	1.73960366		
2012		11.31117	4.479223	4.479223	1.59647089		
2013		11.30864	4.478219	4.478219	1.4644583	total PV	-201.6977
2014		11.31117	4.479223	4.479223	1.3439642		
2015		11.30864	4.478219	4.478219	1.23283145		
2016		11.30864	4.478219	4.478219	1.1311418		
2017		11.30864	4.478219	4.478219	1.03783998		
2018		11.31117	4.479223	4.479223	0.95244759		
2019		11.30864	4.478219	4.478219	0.87368945		
2020		5.655585	2.239612	2.239612	0.4009016		